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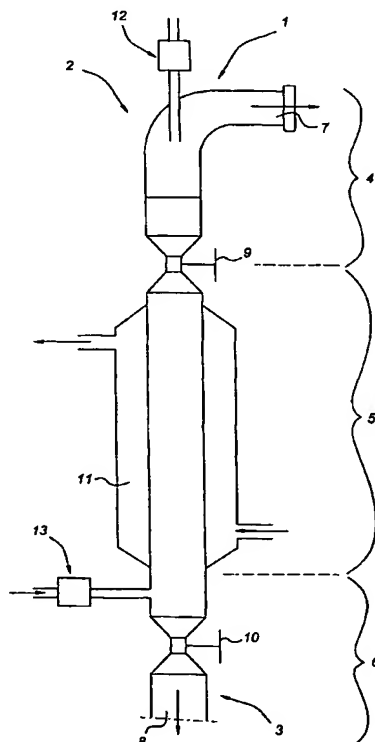
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- (75) Inventor/Applicant (for US only): **DAVIDSON, Peter** [GB/NL]; Patrijslaan 8, NL-1272 PX Huizen (NL).
- (54) Title: **ARTIFICIAL THROAT**
- (57) Abstract: The present invention relates to an artificial throat for simulating aroma release comprising - a tube (1) having an inlet (2) and an outlet (3) and having an upper portion (4), a middle portion (5) and a lower portion (6); - a sample supply system (12) debouching at the upper portion of the tube; - an inlet closure (9) for closing and opening the inlet; - an outlet closure (10) for closing and opening the outlet; - a gas ventilation system (13) debouching at the lower portion of the tube for providing a gas flow, such as an air flow, through the tube. The invention also relates to an assembly for simulating and analyzing aroma release comprising an artificial throat and an analyzing apparatus, such as a mass-spectrometer. Furthermore the invention relates to a method for simulating and analyzing aroma release by means of an artificial throat. Aroma release according to the invention means the release of volatile compounds from substances such as food and drinks, which compounds are transported by means of a gas flow.

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